

NPOL Radar Scientist Report 1200 UTC 25 April 2011

Submitted by josephhardin on Mon, 04/25/2011 - 07:27

- [NPOL](#)

Flight Date:

Monday, April 25, 2011

Status:

Green

Shift Summary 0000 UTC 25 Apr 2011 - 1200 UTC 25 Apr 2011:

At the beginning of the shift, there were few good candidates so we ran mostly surveillance scans with a few PPI sector scans thrown in for areas of interest. After mostly quiet conditions until approx. 0800 UTC, a line of precipitation oriented ENE to WSW just south of NPOL initiated and tracked north. NPOL supported aircraft flights of Citation and ER-2 with various combinations of PPI and RHI sectors. Convection initiated aloft (above ~850 mb) fed by low-level jet bringing GoM moisture surging north. Several nice cells initiated very near to the radar (<20 km). At the radar site, heavy rain occurred at some points accompanied by thunder/lightning and even pea-sized hail (at 0942 UTC).

NPOL is now posting its latest imagery to the files "latest_*.png" on <ftp://mc3e@mc3e.nsstc.nasa.gov/>, in /incoming/npol. This should make it easier to just refresh the latest images from NPOL. Our recommendation is you open the images in new tabs on your browser, then refresh. (You may occasionally have to re-enter password info for the FTP site.) Hopefully later today a similar arrangement will be made on the radarmet.atmos.colostate.edu NPOL web site, which doesn't require login info. Archived imagery are still going to NASA and radarmet.atmos.colostate.edu as normal.

Amber Reynolds and Timothy Lang